

# DuPont™ SentryGlas® Plus

INTERLAYER

## Sealant Compatibility

Many different sealants are used in the glazing industry and it is important to understand the chemical and mechanical compatibility of these sealants with the interlayer fabricated in a glass laminate. Laminates prepared with SentryGlas® Plus interlayer show excellent compatibility with different kinds of sealants used in various glazing applications.

## DuPont outdoor testing of sealant compatibility

SentryGlas® Plus laminates show no edge defect formation after 42-months of natural outdoor weathering in Florida when tested with different types of sealants:

### DuPont™ SentryGlas® Plus Sealant Test

<b>C. R. Laurence 33SC</b>	one component, acetic-cure, silicone
<b>C. R. Laurence RTV408AL</b>	one component, neutral-cure, RTV silicone
<b>Dow Corning 995</b>	one component, neutral-cure, silicone
<b>Dow Corning 999-A</b>	one component, acitoxo, silicone

SentryGlas® Plus laminates show no degradation from interactions with any of the sealants tested. There has been no differentiation between the silicone/SentryGlas® Plus interface and the SentryGlas® Plus/air interface. DuPont continues to conduct extensive sealant compatibility studies, and further results can be obtained by contacting your local DuPont representative.



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## Independent tests

An independent study done by GE Advanced Materials has been done with SentryGlas® Plus laminates and various GE sealants. This has involved years of accelerated QUV weathering. The following sealants have been studied:

### Independent Sealant Test—GE Advanced Materials

<b>GE UltraGlaze® SSG4400</b>	two component, neutral-cure, high modulus, silicone
<b>GE UltraGlaze® SSG4000</b>	one component, neutral-cure, high modulus, silicone
<b>GE SilPruf NB SCS9000</b>	one component, neutral-cure, medium modulus, silicone
<b>GE IGS3729</b>	one component, neutral-cure, high modulus, silicone

Laminates prepared with SentryGlas® Plus show no visible defects.

An independent study by Dow Corning reviewed these sealants using a modified ASTM C1087 compatibility test method:

### Independent Sealant Test—Dow Corning

<b>Dow Corning® 756</b>	one component, neutral-cure, medium modulus elastomeric silicone
<b>Dow Corning® 790</b>	one component, neutral-cure, ultra-low modulus silicone
<b>Dow Corning® 791</b>	one component, neutral-cure, architectural grade silicone
<b>Dow Corning® 795</b>	one component, neutral-cure, RTV silicone
<b>Dow Corning® 983</b>	two component, neutral-cure, RTV silicone
<b>Dow Corning® 995</b>	one component, neutral-cure, elastomeric silicone

The DuPont™ SentryGlas® Plus structural interlayer was determined to be approved for full contact with each of the Dow Corning sealants studied. A Dow Corning laboratory report can be obtained upon request.

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DuPont Glass Laminating Solutions supplies and supports customers from research, manufacturing and sales locations worldwide.

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